

SUMMARY [Portfolio]

Computer Science graduate with expertise in Java, Python, C/C++, and JavaScript. Strong understanding of software development life cycle, data structures, algorithms, and kernel-level programming. University projects, enterprise, club, and an IT Technician role, enhances my leadership, customer service, technical proficiency, and problem-solving skills. Proficient in agile scrum methodology and was a co-lead to general motor enterprise's project. Seeking an entry-level software engineering position to contribute to innovative software solutions, available from summer 2024.

EDUCATION

Michigan Technological University

Houghton, MI

Aug 2020 - May 2024

- **Major** - BS Computer Science | GPA: 3.71 | Department GPA: 3.55
- **Certificate (Minor)** - Cybersecurity
- **Programming Coursework:** Data Structure, Concurrent Programming, System Programming, Programming Languages, Computer Organization, Intro. to Algorithms, DataDatabase Systems

COMPUTER AND TECHNICAL SKILLS

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|-------------------------|-------------------------------|--------------------------------|
| ▪ C/C++ | ▪ Object Oriented Programming | ▪ Git/GitHub//BitBucket/GitLab |
| ▪ System Programming | ▪ Docker | ▪ AWS |
| ▪ React/Vite.js/Next.js | ▪ MongoDB | ▪ Concurrent Programming |

SOFTWARE ENGINEER PROJECTS

Project [Git]: Vocational Home's Reservation / Airbnb Clone Application | Deployed

June 2024

A full-stack Airbnb clone implemented using Next.js 13 App Router, integrating React, Tailwind, Prisma, MongoDB, and NextAuth.

- Built with TypeScript to improve code maintainability and utilized interfaces and generics.
- The application replicates Airbnb color schemes, UI, and most of its distinguishing features.
- Users can register via email, GitHub, or Google, then create or reserve listings.

Project [Git]: HIDE Little Brother Friends of the Elderly - Full Stack developer

Jan 2022 - May 2022

Built a comprehensive administration website and a mobile tracking application for Little Brother - Friends of the Elderly, enhancing service delivery within the elderly community of Houghton..

- Integrated a dynamic driver task updates menu using the Laravel and Vue.js frameworks.
- Rigorously tested API routes using Postman in conjunction with Microsoft SQL Server.

Project [Git]: HIDE GM Car Comparison - Full Stack developer | CoLead

Jan 2024 - May 2024

Led the development of a user-centric car comparison web application, significantly improving decision-making for vehicle shoppers and enthusiasts by facilitating easy comparison of various automobile features.

- Organized and delegated tasks among team members of varying skill levels.
- Employed React and Vite for the front end, alongside Django integrated with SQL support for the backend.

EMPLOYMENT

Work Study | MTU IT - Mac Specialist Houghton, MI

Sep 2021 – June 2024

- Maintained operations and provide excellent customer service through Atlassian Software Suite, Jamf Pro/Composer, Slack, and Team Dynamics
- Skilled in configuring University's managed Apple devices through MDM profile in addition to traffic control a device to allows for network access.
- Wrote software installation shell scripts and packages following Agile SCRUM methodology.

CERTIFICATION

AWS Certified Cloud Practitioner

Aug 2023 – Aug 2026

- Expressed fundamental understanding of IT services and their uses in the AWS Cloud.

CO-CURRICULAR INVOLVEMENT

NCSA - DevTeam: Full Stack Developer

Sep 2021– May 2024

- Designed a lab hours tracking application to efficiently organize lab schedules for new members

HIDE Management [Git] - GM Car Comparison Co-Lead

Jan 2023 - May 2024

- Created a prototype and built the foundation to the application from backend to frontend.